

CONFIDENTIAL

20 October 1958

MEMORANDUM FOR THE RECORD

SUBJECT: Aircraft Equipment - Cargo Doors (ED-188A)

1. On 16 October 1958 the undersigned visited [redacted] Incorporated, [redacted] to deliver the sample specification sheets and drawing standards. In addition the progress of Tasks 1 and 2 were discussed.

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2. Since the contractor had just received the contract Task 2 (Dispatching Conveyor, ED-188B), no progress on this item has been made. All effort has been concentrated on the Cargo Door design and fabrication.

3. Progress on the Cargo Door program is proceeding in accordance with the initially planned schedule. The original installation date for the first unit, which is mid January, appears realistic at this time.

[redacted] has assured the undersigned that every effort will be and is being made to complete the program on schedule and within the original cost estimate.

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4. On 19 September 1958 the undersigned delivered to [redacted] a complete set of microfilm prints for the C-54 aircraft as well as Technical Order 3 and 4. These prints have proved invaluable to the contractor. When delivering these items the undersigned was shown the preliminary lay-out of the door project. The contractor was informed at this time that the proposed design should be changed to allow for opening the doors from without. The present door configuration allows for this requirement.

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5. The contractor has experienced some difficulty in hand forming the door insert molding in the corner sections. These sections are formed from sheet aluminum first as to cross sections and then on a form as to contour. The three dimensional contour for these sections are not easily formed by hand and become work hardened after repeated blows. The initial time estimate to produce these items, in this manner, was underestimated. To facilitate in more rapid production techniques a form has been built to fabricate a mating die section. The contractor proposed using epoxy resin and aluminum powder for the die. The undersigned has had some experience with this technique and relayed this information to the contractor. In addition the contractor was informed of another material Devcon A & B suitable for this purpose.

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